<u>IN THE CLAIMS</u>

Please amend the status of the claims to that indicated as follows:

Claims 1-3 (canceled)

4. (new) A method for transmitting frequency modulated data signals having a frequency band over a digital telephone network that filters the frequency modulated data signals transmitted, comprising the steps of:

generating a pseudo random sequence having a frequency band that does not overlap the frequency band of the frequency modulated data signals; and,

mixing the pseudo random sequence generated in said generating step with the frequency modulated data signals for producing frequency modulated data signals having more than one frequency.

5. (new) The method for transmitting frequency modulated data signals according to Claim 4, further comprising the step of:

modulating the frequency modulated data signals produced by said mixing step with respect to amplitude.

6. (new) The method for transmitting frequency modulated data signals according to Claim 4, wherein the frequency band of the pseudo random sequence generated by said generating step has lower frequencies than frequencies of the fre-

quency band of the frequency modulated data signals prior to said mixing step.